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PROCEEDINGS OF THE SEVENTY-SECOND ANNUAL
MEETING OF THE AMERICAN STATISTICAL AS-
SOCIATION, ST. LOUIS, DECEMBER 28-30, 1910.

The seventy-second annual meeting of the American Statistical Association was held in St. Louis, Mo., December 28-30, 1910. Several other associations held their annual meetings at the same time and place. The following program was carried out with some slight changes:

PROGRAM.

WEDNESDAY, *December 28*, 8 p. m. Southern Hotel.

Joint meeting of the American Sociological Society, American Statistical Association, and American Association for Labor Legislation.

Presidential addresses:

- (1) Henry W. Farnam, Yale University, President American Association for Labor Legislation. "Practical Methods in Labor Legislation."
- (2) Franklin H. Giddings, Columbia University, President American Sociological Society. "The Relation of Social Theory to Public Policy."
- (3) Frederick L. Hoffman, Prudential Insurance Company of America, Vice-President American Statistical Association. "Fifty Years of Life Insurance Progress."

THURSDAY, *December 29*, 10 a. m. Planters Hotel.

Special session on Agricultural Statistics.

- (1) Paper: "The Degree of Accuracy and Margin of Error of the Census of Agriculture." Le Grand Powers, Chief Statistician, Division of Agriculture, Bureau of the Census.
- (2) Paper: "The Census of Agriculture as a Source Book of Information for Students of Agricultural Economics." Henry C. Taylor, Professor of Agricultural Economics, University of Wisconsin.
- (3) Paper: "Significance of Rapid Rise in Land Values, Increase in Number of Tenants and Managers, and Decrease in Number of Land Owners in Iowa 1900-1910." Benjamin H. Hibbard, Professor of Agricultural Economics, Iowa State College.
- (4) Discussion: Changes in Agricultural Conditions Shown by the **Census of 1910**, led by John Lee Coulter, Expert Special Agent, **Census of Agriculture**; J. C. Thompson, University of Illinois; E. V. Robinson, University of Minnesota; and T. N. Carver, Harvard University.

THURSDAY, *December 29*, 2.30 p. m. Southern Hotel.

Joint session of the American Political Science Association and the American Statistical Association.

Topic: Primary Elections.

- (1) "Primary Elections in Illinois." Hon. W. Clyde Jones of the Illinois Senate.
- (2) "Direct Primaries in Missouri." Isidor Loeb of the University of Missouri.
- (3) "Primary Elections in Iowa." F. E. Horack of the University of Iowa.
- (4) "The Direct Primary Movement in New York." C. A. Beard of Columbia University.
- (5) "Primary Elections and Their Results in Massachusetts, 1640-1691." Dr. Edward M. Hartwell of Boston, Mass.

FRIDAY, *December 30*, 10 a. m. Planters Hotel.

- (1) "An Effort to Compare the Decreasing Fecundity in France and the United States during the Nineteenth Century." Walter F. Willcox of Cornell University.
- (2) "The Method of Apportioning Representatives. A Problem in Statistics." Walter F. Willcox of Cornell University.

11 a. m. Business meeting.

MINUTES.

The meeting was called to order at 11 a. m. by Vice-President Frederick L. Hoffman.

The reports of officers were then called for.

SECRETARY'S REPORT.

Mr. President and Members of the Association:

I have the following to report in regard to the present condition of the Association and the work accomplished during the past year:

Membership, Dec. 31, 1909, date of last annual meeting.	512
New members added.	97
Deaths during the year.	8
Resignations.	11
Total deductions.	19
Present membership.	590
Net gain.	78

Beside members we have:

Subscribers (mostly libraries)	156
Domestic Exchanges	38
Foreign Exchanges	114

Total mailing list	898
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The net increase of 78 members is not so large as that of the previous year. This is simply an indication of the fact that your secretary has been so driven with other duties that he could not give as much time to the work as he had previously done.

The following members have died during the year: Julius Bien, William F. Draper, Charles B. Dudley, James F. Hunnewell, Robert Treat Paine, Peter A. Schemm, Francis B. Thurber, and James L. Whitney.

Four numbers of the Quarterly Publications have been issued during the year. It has been impossible to get these numbers out promptly on time, but the delay will be lessened as our new printer becomes more accustomed to the work.

Only one quarterly meeting has been held since the last annual meeting. This took the form of a dinner at the Ebbitt House, Washington, D. C., October 21, 1910. Fifty-two members and guests were present. The following papers were read and discussed: (1) Scope and Methods of Presentation of the Results of the Thirteenth Census, by William F. Willoughby; (2) A Method of Statistical Analysis, by Oscar T. Crosby.

The Washington members of the Association expressed the desire for a resident assistant secretary who could take charge of the arrangements for at least one quarterly meeting a year in that city. This was the practice of the Association some years ago, and it would seem desirable to make this arrangement if possible. I would suggest that such an officer be elected and that the necessary change in the constitution be made to render this a regular office.

In closing, I desire to thank the members of the Association for their continued coöperation and support in carrying on the work of my office.

Respectfully submitted,

CARROLL W. DOTEN,
Secretary.

On motion it was voted to accept the report of the secretary and to make it a part of the published proceedings of the meeting.

TREASURER'S REPORT.

RECEIPTS.

Membership Dues	\$1,009.25	
Sales and Subscriptions	525.12	
Dividends and Interest	155.90	
Balance on hand Jan. 1, 1909	580.62	
	<hr/>	\$2,270.89

EXPENDITURES.

Printing	\$1,467.71	
Postage	110.55	
Salaries and Clerical Service	284.17	
Expenses*	24.58	
	<hr/>	\$1,887.01
Balance on hand	383.88	
	<hr/>	\$2,270.89

ASSETS.

17 shares B. & A. R. R. Stock @ 224	\$3,808.00
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S. B. PEARMAIN,
Treasurer.

Edward M. Hartwell reported for the auditing committee that the books of the treasurer had been carefully examined and that, with the exception of an excess of one cent in cash on hand, they were correct in every respect.

On motion the treasurer's report was accepted and placed on file.

The nominating committee, consisting of Edward M. Hartwell, Walter F. Willcox, and John L. Coulter, reported the following list of officers for the ensuing year: President, Frederick L. Hoffman; vice-presidents, Walter F. Willcox, Henry W. Farnam, E. Dana Durand; Charles P. Neill, Edward M. Hartwell; treasurer, S. B. Pearmain; secretary, Carroll W. Doten; librarian, Horace G. Wadlin; counsellors, Cressy L. Wilbur, William H. Allen, William B. Bailey; editorial

*This item includes express charges, collection charges made by bank, etc.

board, John Koren, Thomas S. Adams, John L. Coulter, Frederick S. Crum, Allyn A. Young; committee on finance, Edwin W. DeLeon, Miles M. Dawson, S. B. Pearmain; committee on library, Charles F. Gettemy, Roger W. Babson, F. Spencer Baldwin.

It was moved and seconded that the secretary be instructed to cast one ballot for the entire list of nominees. This motion was unanimously adopted and the officers were declared elected.

On motion it was voted to empower the president and secretary to appoint an assistant secretary residing at Washington, D. C., to aid in arranging for meetings in that city.

On motion it was voted to accept the invitation of the National Civic Federation to send delegates to its eleventh annual meeting in New York City January 12-14, 1911, and the following delegates were chosen: Frederick L. Hoffman, Edward B. Phelps, William H. Allen, Franklin H. Giddings, W. S. Gifford, and Stanley L. Otis.

Committee on constitution and by-laws reported no changes.

The report was accepted and the committee discharged.

Walter F. Willcox made a report of progress for the joint committee of this Association and the American Public Health Association appointed at the last annual meeting to coöperate with Dr. Cressy L. Wilbur, Chief Statistician of the Division of Vital Statistics, U. S. Bureau of the Census, in the preparation of Uniform Standard Tables relating to births, deaths, etc. On motion the report was accepted and the committee was continued. The members of this committee are: Walter F. Willcox, T. S. Adams, Frederick S. Crum, C.-E. A. Winslow, and Allyn A. Young.

The following regular committees were then appointed:

Auditing committee: Roger W. Babson and Edward M. Hartwell.

Committee on time, place, and program of the next annual meeting: Frederick L. Hoffman, Henry J. Harris, and Carroll W. Doten.

Committee on constitution and by-laws: Walter F. Willcox, E. Dana Durand, and Cressy L. Wilbur.

The meeting was adjourned at 12.30 p. m.

CARROLL W. DOTEN,
Secretary.